

**TARACORP - GRANITE CITY  
RI/FS PROGRESS MEETING  
FEBRUARY 8, 1989  
AGENDA**

**REMEDIAL ACTION OBJECTIVES**

Soil  
Solid Waste

**REMEDIAL ALTERNATIVE MATRIX**

Area Description and Basis  
Taracorp Pile - Bulk  
Taracorp Pile - Drum  
Venice Unpaved Areas  
Eagle Park Fill Area  
Area 1 Unpaved Areas  
Area 1 SLLR Pile  
Area 2 Unpaved Public Areas  
Area 3 Unpaved Public Areas  
Areas 4 and 5 Unpaved Public Areas

**REMEDIAL ALTERNATIVES REPORT**

Content  
Submission Schedule

February 6, 1989

EPA Region 6 Records Ctr.



257754

Environmental Media	Remedial Action Objectives	General Response Actions	Remedial Technology Type	Process Options
Soil	Prevent ingestion/direct contact with soil having lead in excess of acceptable risk concentrations in residential yards, schools, and parks	No action Institutional Actions	No Action Institutional Options Fencing Deed Restriction	
		Containment Actions	Containment Technologies Capping Dust Controls	Sod/Soil/Asphalt Dust Control Agents
	Prevent inhalation of lead concentrations above 1.5 ug/m <sup>3</sup>	Removal Actions	Removal Technologies Excavation	Solids Excavation
		Treatment Actions	Treatment Technologies Fixation	Lopat Enterprises Envirosafe Chemfix
	Prevent migration of lead to the groundwater which would result in a concentration higher than 0.1 mg/l in accordance with 35 IAC Part 302 B			

Environmental Media	Remedial Action Objectives	General Response Actions	Remedial Technology Type	Process Options
Solid Waste	Achieve on acceptable level of risk from direct contact with the waste pile contents	No Action	No Action	
		Institutional Actions	Institutional Options Fencing Deed Restrictions	
	Prevent inhalation of lead at concentrations above 1.5 ug/m <sup>3</sup>	Containment Actions	Containment Technologies Capping Vertical barriers Horizontal barriers	Membrane, Asphalt, Concrete, Vegetative Slurry wall, sheet piling Grout injection
		Removal Technologies	Excavation Drum Removal	Solids excavation Drum Removal
	Prevent migration of metals to the ground water which would result in concentrations higher than 35 IAC Part 302 B standards	Treatment Actions	Treatment Technologies Physical treatment Chemical treatment	Crushing, grinding Lopat, Chemfix
		Recycle Actions	Recycle Technologies	Electrowinning Master Metals ASARCO Extraction Smelting

TABLE OF SOIL, GROUND WATER  
REMEDIAL ALTERNATIVE MATRIX

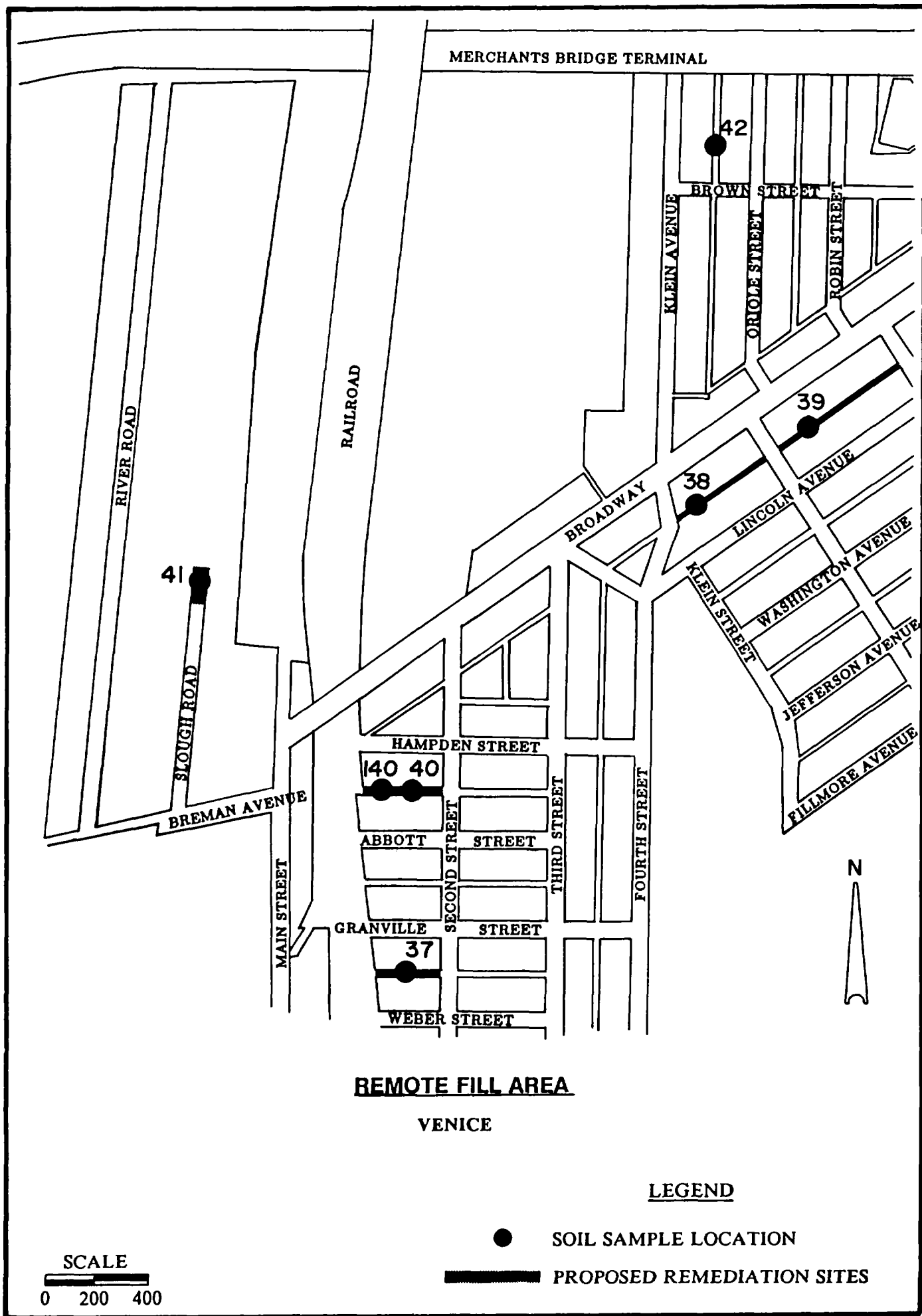
GENERAL RESPONSE ACTION			A	B	C	D	E	F	G	H	I
MEDIUM	TECHNOLOGY	PROCESS	NO ACTION								
TARA-COPP PILE BULK	PREVENT EXPOSURE	FENCE, MONITOR, AND DEED RESTRICTIONS	●	●	●	●	●	●	●		
	EXCAVATION AND TRUCK	HEAVY EQUIPMENT *								●	●
	DISPOSAL	OFF-SITE RCRA LANDFILL									●
	RECYCLE	ON-SITE STACK CORP *								●	
		OFF-SITE MASTER METALS *								●	
	CONTAINMENT	HYDRAULIC ASPHALT CAP *		●	●				●		
		ASPHALT MEMBRANE CAP						●			
		VEGETATED MEMBRANE CAP				●	●				
	EXCAVATE AND TRUCK	HEAVY EQUIPMENT *			●	●	●	●	●	●	●
TARA-COPP PILE DRUMS	RECYCLE	SECONDARY PB SMELTER			●	●	●	●	●	●	●
VENICE UN- PAVED ALLEYS	EXCAVATE AND RESTORE	HEAVY EQUIPMENT *					●	●	●	●	●
	DISPOSAL	ON-SITE WITH TARACOPP PILE *					●	●	●		
		OFF-SITE * NON-RCRA LANDFILL								●	●
	CONTAINMENT	ASPHALT CAP		●	●	●					
EAGLE PARK FILL AREA	PREVENT EXPOSURE	FENCE, MONITOR AND DEED RESTRICTIONS		●							
	EXCAVATE AND RESTORE	HEAVY EQUIPMENT *			●	●	●	●	●	●	●
	DISPOSAL	ON-SITE WITH TARACOPP PILE *			●	●	●	●	●		
		OFF-SITE * NON-RCRA LANDFILL								●	●
AREA 1 UN- PAVED SURF- ACES	CONTAINMENT	VEGETATED CLAY CAP		●							
	PREVENT EXPOSURE	FENCE, MONITOR, AND DEED RESTRICTIONS									
AREA 2 UN- PAVED PUBLIC AREAS	EXCAVATE AND RESTORE	HEAVY EQUIPMENT *						●	●	●	●
	DISPOSAL	ON-SITE WITH TARACOPP PILE *						●	●		
		OFF-SITE * NON-RCRA LANDFILL								●	●
	CONTAINMENT	HYDRAULIC ASPHALT		●	●	●	●				
AREA 3 UN- PAVED PUBLIC AREAS	EXCAVATE AND MOVE	HEAVY EQUIPMENT *		●	●	●	●	●	●	●	●
	DISPOSAL	OFF-SITE RCRA LANDFILL *									●
		ON-SITE WITH TARACOPP PILE *		●	●	●	●	●			
	RECYCLE	RUBBER-PHALT * PAVING SUBGRADE							●		
AREA 4 AND 5 UN- PAVED PUBLIC AREAS	EXCAVATION AND RESTORE	HEAVY EQUIPMENT AND MANUAL *				●	●	●	●	●	●
	DISPOSAL	ON-SITE WITH TARACOPP PILE *				●	●	●	●		
		OFF-SITE * NON-RCRA LANDFILL								●	●
	CONTAINMENT	ASPHALT OR SOD BASED ON USAGE		●	●						
AREA 3 UN- PAVED PUBLIC AREAS	EXCAVATION AND RESTORE	HEAVY EQUIPMENT AND MANUAL *						●	●	●	
	DISPOSAL	ON-SITE WITH TARACOPP PILE *						●			
		OFF-SITE * NON-RCRA LANDFILL								●	●
	CONTAINMENT	ASPHALT OR SOD BASED ON USAGE				●	●	●			
AREA 4 AND 5 UN- PAVED PUBLIC AREAS	EXCAVATION AND RESTORE	HEAVY EQUIPMENT AND MANUAL *									●
	DISPOSAL	ON-SITE WITH TARACOPP PILE *									
		OFF-SITE * NON-RCRA LANDFILL									●
	CONTAINMENT	ASPHALT OR SOD BASED ON USAGE					●	●	●	●	

See Map  
↓ TCT -  
SLR

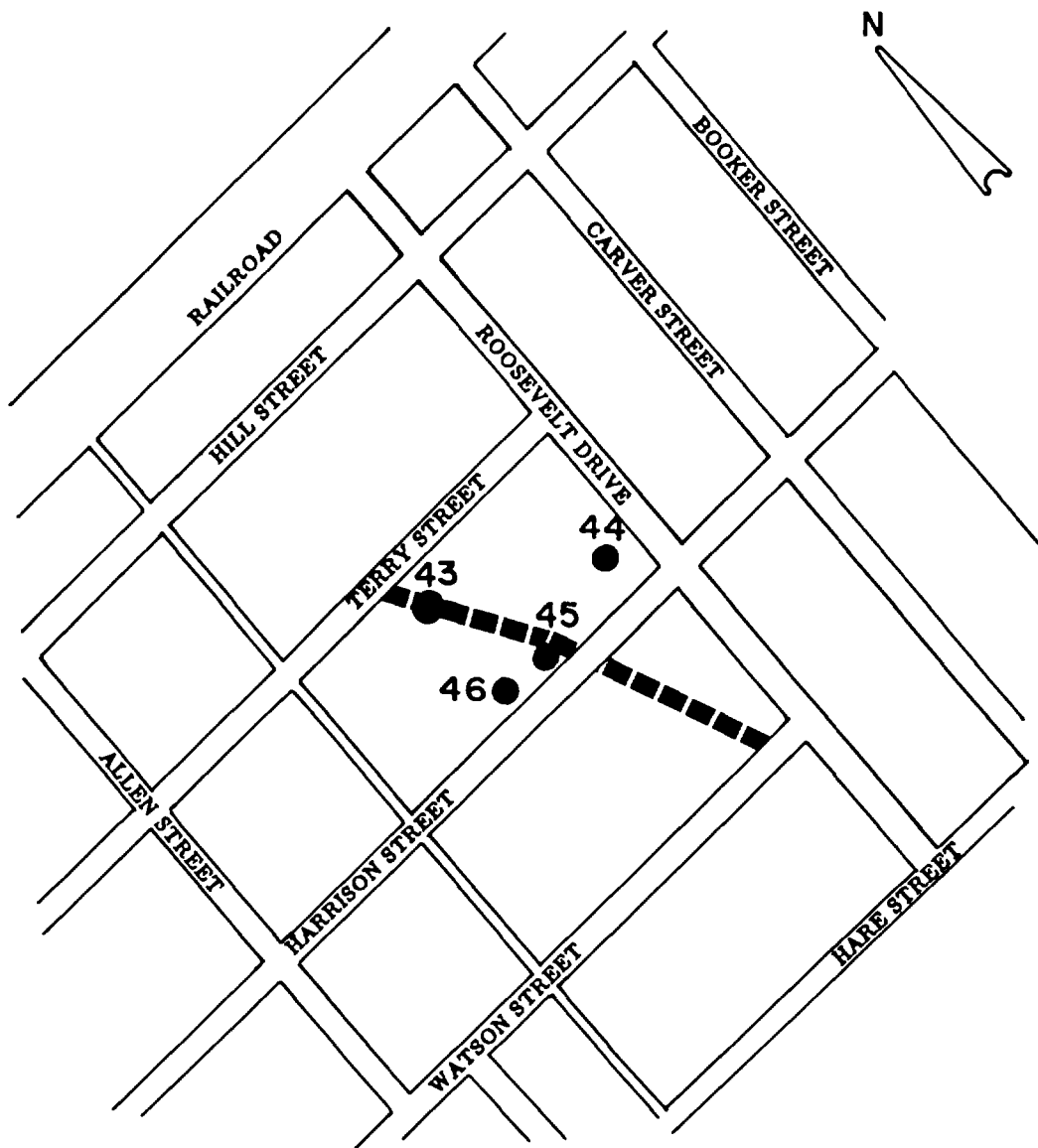
boundaries:  
State,  
Cleveland  
18th, 16th

some residential  
mostly  
commercial/  
industrial

same  
as above



063397



**REMOTE FILL AREA**

**EAGLE PARK ACRES**

**LEGEND**

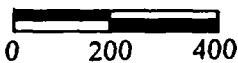


**SOIL SAMPLE LOCATION**



**APPROXIMATE LOCATION OF DITCH**

**SCALE**



063397